United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA2236CE

This certificate, issued to Advanced Aircraft Extinguishers, Ltd.
P.O. Box 1117
Blue Springs, MO 64013-1117

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 *of the* Federal Aviation *Regulations.*

Original Product—Type Certificate Number: A20WE

Make: Boeing

Model: 747-100 Series, 747-100B Series, 747SR, 747SP, 747-200B Series, 747-200C Series, and 747-300 Series

Description of Type Design Change:

Installation of Lavatory Smoke Detection and Fire Extinguishing Systems in accordance with Total Flood Drawing List TFA 10-0034, Revision A, or later FAA approved revision.

Limitations and Conditions: None.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: November 4, 1985

Date of issuance: March 20, 1987

Date reissued: January 29, 1993

Date amended:

By direction of the Administrator

Ronald K. Rathgeber
(Signature)

Ronald K. Rathgeber, Acting Manager
Wichita Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)